

WHAT I CLAIM IS:

1. A remote control system having a receiver and one or more transmitters, each transmitter transmitting a respective identification code along with an operate command and the receiver having a list of identification codes associated with authorized transmitters, the receiver being operable in a learn mode during which it may receive a transmitted identification code for addition to its list, the improvement in which the identification code of a transmitter is automatically changed when the transmitter is to have its identification code added to the receiver list.
2. A remote control system in accordance with claim 1 wherein a new identification code is randomly generated and cannot be traced to the previous identification code.
3. A remote control system in accordance with claim 1 wherein the transmission when an identification code is to be added to the receiver list is different in form from the transmission when an identification code is not to be added to receiver list.
4. A remote control system in accordance with claim 3 wherein after the identification code of a transmitter is automatically changed, transmission is in said different form a number of times but with the same changed identification code.
5. A remote control system in accordance with claim 1 wherein after the identification code of a transmitter is automatically changed, for a number of times transmission is in a form different from the transmission when an identification code is not to be added to receiver list but with the same changed identification code.
6. A remote control system having a receiver and one or more transmitters, each transmitter transmitting a respective identification code along with an operate command and the receiver having a list of identification codes associated with authorized transmitters, the receiver being operable in a learn mode during which it may receive a transmitted identification code for addition to its list, the improvement comprising means for automatically changing the identification code of a transmitter when the transmitter is to have its identification code added to the receiver list.

7. A remote control system in accordance with claim 6 wherein a new identification code is randomly generated and cannot be traced to the previous identification code.

8. A remote control system in accordance with claim 6 wherein the transmission when an identification code is to be added to the receiver list is different in form from the transmission when an identification code is not to be added to receiver list.

9. A remote control system in accordance with claim 8 wherein after the identification code of a transmitter is automatically changed, transmission is in said different form a number of times but with the same changed identification code.

10. A remote control system in accordance with claim 6 wherein after the identification code of a transmitter is automatically changed, for a number of times transmission is in a form different from the transmission when an identification code is not to be added to receiver list but with the same changed identification code.

11. A method for operating at least one remote control transmitter that is associated with a receiver, the transmitter transmitting a respective identification code along with an operate command and the receiver having a list of identification codes associated with authorized transmitters, the receiver being operable in a learn mode during which it may receive a transmitted identification code for addition to its list, the method comprising automatically changing the identification code of the transmitter when the transmitter is to have its identification code added to the receiver list.

12. A method in accordance with claim 11 wherein a new identification code is randomly generated and cannot be traced to the previous identification code.

13. A method in accordance with claim 11 wherein the transmission when an identification code is to be added to the receiver list is different in form from the transmission when an identification code is not to be added to receiver list.

14. A method in accordance with claim 13 wherein after the identification code of the transmitter is automatically changed, transmission is in said different form a number of times but with the same changed identification code.

15. A method in accordance with claim 11 wherein after the identification code of the transmitter is automatically changed, for a number of times

transmission is in a form different from the transmission when an identification code is not to be added to receiver list but with the same changed identification code.

16. A transmitter for a remote control system, said remote control system having a receiver that stores a list of identification codes associated with one or more authorized transmitters, the receiver being operable in a learn mode during which it may receive a transmitted identification code for addition to its list, the transmitter operating to transmit an identification code along with an operate command, the improvement in which the identification code of the transmitter is automatically changed when the transmitter is to have its identification code added to the receiver list.

17. A transmitter in accordance with claim 16 wherein a new identification code is randomly generated and cannot be traced to the previous identification code.

18. A transmitter in accordance with claim 16 wherein the transmission when an identification code is to be added to the receiver list is different in form from the transmission when an identification code is not to be added to receiver list.

19. A transmitter in accordance with claim 18 wherein after the identification code of the transmitter is automatically changed, transmission is in said different form a number of times but with the same changed identification code.

20. A transmitter in accordance with claim 15 wherein after the identification code of the transmitter is automatically changed, for a number of times transmission is in a form different from the transmission when an identification code is not to be added to receiver list but with the same changed identification code.

21. A transmitter for a remote control system, said remote control system having a receiver that stores a list of identification codes associated with authorized transmitters, the receiver being operable in a learn mode during which it may receive a transmitted identification code for addition to its list, the transmitter operating to transmit an identification code along with an operate command, the improvement comprising means for automatically changing the identification code of

the transmitter when the transmitter is to have its identification code added to the receiver list.

22. A transmitter in accordance with claim 21 wherein a new identification code is randomly generated and cannot be traced to the previous identification code.

23. A transmitter in accordance with claim 21 wherein the transmission when an identification code is to be added to the receiver list is different in form from the transmission when an identification code is not to be added to receiver list.

24. A transmitter in accordance with claim 23 wherein after the identification code of the transmitter is automatically changed, transmission is in said different form a number of times but with the same changed identification code.

25. A transmitter in accordance with claim 20 wherein after the identification code of the transmitter is automatically changed, for a number of times transmission is in a form different from the transmission when an identification code is not to be added to receiver list but with the same changed identification code.